GE
Lighting Solutions

GEH-5751B

INSTRUCTIONS
P-154 Powerflood® Floodlight

READ THOROUGHLY BEFORE INSTALLING

⚠ WARNING

Risk of electric shock
- Turn power off before servicing – see instructions

AVERTISSEMENT; COUPER L'ALIMENTATION AVANT L'INSTALLATION OU L'ENTRETIEN.

GENERAL

This luminaire is designed for outdoor lighting service, and should not be used in areas of limited ventilation, or in high ambient temperature enclosures. Best results will be obtained if installed and maintained according to the following recommendations.

UNPACKING

This luminaire has been properly packed so that no part should have been damaged during transit. Inspect to confirm.

INSTALLATION

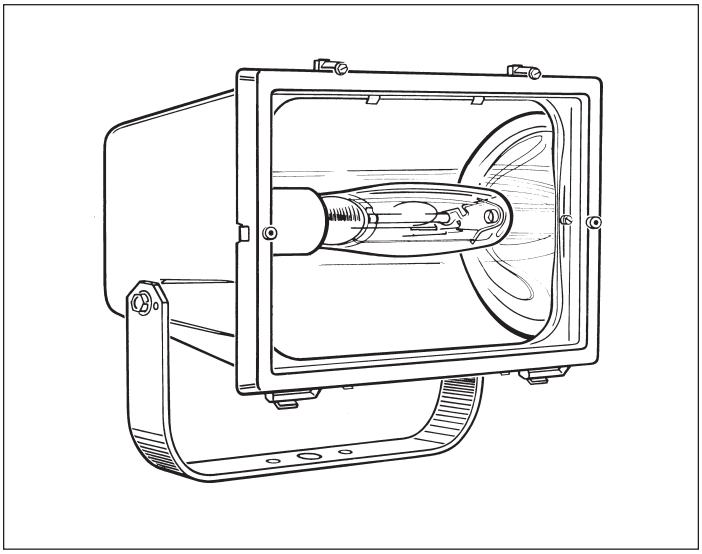
⚠ CAUTION

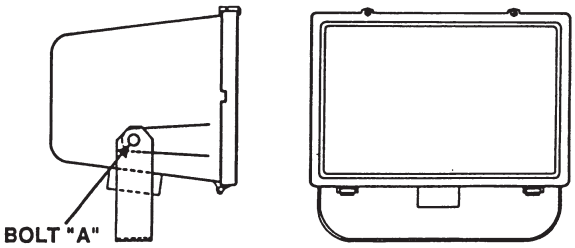
Unit will fall if not installed properly
- Follow installation instructions

The floodlight is provided with a trunnion bracket which can be mounted directly on flat surfaces, or building fronts. Mounting adaptors are available for installation on poles, cross-arms, pipes, etc. The trunnion bracket has a clearance hole for a 3/4-inch bolt used for attachment of such mounting. The 1/2-inch holes on either side of the 3/4-inch hole permit additional anchoring, if required. Tighten side trunnion bolts to 18 - 22 foot pounds.

AIMING

Slightly loosen bolts "A" (two on trunnion), tilt luminaire to desired position and retighten bolts.





WIRING

Make all electrical connections in accordance with the National Electrical Code and any applicable local code requirements.

Verify that supply voltage is correct by comparing it to nameplate.

If unit is designated as multivolt or multiwatt, follow specific instruction.

Three-conductor No. 14 cable (with 90°C minimum insulation) is recommended for making electrical connections to the P-154. After opening door loosen the 2 screws holding the reflector. Remove reflector thus exposing the terminal board. Loosen screw in pressure plate, insert cable through grommet and retighten screw. (Notice that grommet fits cable of approximately 9/16-inch diameter.) Grommet and pressure plate form a weather proof seal and strain relief. To maintain this seal, the screw in pressure plate must be retightened whenever the seal is disturbed. After connections are made to the terminal board, be sure insulating shield is properly placed.

These instructions do not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with installation, operation or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to GE Lighting Solutions.

Connect ground lead to the green lead, green ground screw on housing or terminal block provided.

Do not remove insulated connectors from wires not needed for required voltage connection.

When changing voltage on reconnectable units, move only the lead with the insulated connector.

IF SINGLE VOLTAGE:

All single voltage ballasts are pre-wired such that user need only connect the supply conductors.

IF MULTIVOLT: (120/208/240/277 volts)

Connect the ballast lead with the insulated terminal to the desired voltage terminal as indicated on the ballast terminal nameplate.

IF MULTIWATT:

Multiwatt ballasts are available in various combinations of wattage. See wiring instructions on wiring tag inside the luminaire.

LAMPS

Use only lamps specified on nameplate. Observe lamp manufacturer's recommendations and restrictions on lamp operation, particularly ballast type, burning position, etc.

Lamp Tightness – Mogul Base Lamp: The lamp should be securely inserted to the NEMA-EEI specified torque of 35 inch-pounds, which is best achieved by very firmly tightening to insure application of sufficient torque. Tightening must be sufficient to fully depress and load the center contact of the socket.

MAINTENANCE

CAUTION

Risk of burn

- Allow lamp/fixture to cool before handling

WARNING

Risk of burn

- Do not touch operating luminaire

The ALZAK† finish on the reflector and the door glass may be cleaned with any suitable nonabrasive glass cleaning solution, soap or detergent and rinsed with clean water.

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